

ABSTRACT OF THE DISCLOSURE

A glass article having no problem of stain due to metal colloids because of its excellent efficiency of preventing the diffusion of metal ions, and a glass substrate for a high-quality display comprising the

5 aforementioned glass article are provided. The glass article comprises an alkali-containing glass substrate 1, and a barrier film 2 formed on a surface of the alkali-containing glass substrate 1. The metal ion diffusion barrier film 2 mainly contains indium oxide and/or tin oxide. A glass substrate for a display comprises: an alkali-containing glass substrate 1; an alkali ion diffusion barrier film 5 formed on a surface of said alkali-containing glass substrate 1; a barrier film 2 mainly containing indium oxide and/or tin oxide; an insulating film 3; and an electrode film 4. The surface electrical resistance of the insulating film is kept in a range from $1.0 \times 10^6 \Omega/\square$ to $1.0 \times 10^{16} \Omega/\square$ even after heating

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15 process at 550 °C for 1 hour.